

# Sustaining and Supporting Superior C4ISR Systems for the Joint Warfighter

**M**G Michael R. Mazzucchi, Commanding General, Communications-Electronics Life Cycle Management Command (CELCMC), requested that his team of subject matter experts “team up” on the two articles that follow. Under the CELCMC collaborative umbrella, CELCMC personnel consistently provide our Soldiers with command, control, communications, computers, intelligence, surveillance and reconnaissance (C4ISR) tools and systems that are highly developed, sustainable, reliable, usable and technologically current.

Timothy L. Rider’s article on the next page focuses on the Mounted Battle Command on the Move (MBCOTM) communication system and the Command Post of the Future (CPOF). MBCOTM encompasses a total redesign of command and control functions that integrate computer-based applications and a mobile Ku-Band satellite antenna into the Army’s current Joint Network Node battlefield network. CPOF will become the Army’s principal suite of planning, situational awareness and automated battle command applications currently known as the Army Battle Command System.

The second article in this series by Kevin Toolan, “Black Belt Team to Systemize Problem-Solving Techniques,” discusses the Lean/Six Sigma (LSS) approach that Tobyhanna Army Depot – and others – is applying to reduce defects and improve manufacturing processes in daily operations, planning and procedures. His article discusses LSS as a “disciplined, process-focused methodology” that focuses on the customer, uses statistical measures to determine process quality and defines and implements problem-solving techniques that are helping the depot deliver superior C4ISR tools, sensors and systems for the Joint warfighter.

These articles in tandem will give the reader an inside look into the new technology and innovation that is being spiraled to the Current Force from the CELCMC.

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The MBCOTM communication system has been engineered to fit into the Stryker, Bradley and Humvee vehicles. This network package will provide operational commanders and their subordinate leaders a common operational picture that will update information automatically, thereby allowing commanders the opportunity to make critical battlefield decisions while on the move. (U.S. Army photo by SGT Jeremiah Johnson.)